

110TH CONGRESS
1ST SESSION

S. 1398

To expand the research and prevention activities of the National Institute of Diabetes and Digestive and Kidney Diseases, and the Centers for Disease Control and Prevention with respect to inflammatory bowel disease.

IN THE SENATE OF THE UNITED STATES

MAY 15, 2007

Mr. REID (for himself and Mr. COCHRAN) introduced the following bill; which was read twice and referred to the Committee on Health, Education, Labor, and Pensions

A BILL

To expand the research and prevention activities of the National Institute of Diabetes and Digestive and Kidney Diseases, and the Centers for Disease Control and Prevention with respect to inflammatory bowel disease.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Inflammatory Bowel
5 Disease Research Enhancement Act”.

6 **SEC. 2. FINDINGS.**

7 Congress makes the following findings:

1 (1) Crohn's disease and ulcerative colitis are se-
2 rious inflammatory diseases of the gastrointestinal
3 tract.

4 (2) Crohn's disease may occur in any section of
5 the gastrointestinal tract but is predominately found
6 in the lower part of the small intestine and the large
7 intestine. Ulcerative colitis is characterized by in-
8 flammation and ulceration of the innermost lining of
9 the colon. Complete removal of the colon in patients
10 with ulcerative colitis can potentially alleviate and
11 cure symptoms.

12 (3) Because Crohn's disease and ulcerative coli-
13 tis behave similarly, they are collectively known as
14 inflammatory bowel disease. Both diseases present a
15 variety of symptoms, including severe diarrhea, ab-
16 dominal pain with cramps, fever, and rectal bleeding.
17 There is no known cause of inflammatory bowel dis-
18 ease, or medical cure.

19 (4) It is estimated that up to 1,400,000 people
20 in the United States suffer from inflammatory bowel
21 disease, 30 percent of whom are diagnosed during
22 their childhood years.

23 (5) Children with inflammatory bowel disease
24 miss school activities because of bloody diarrhea and
25 abdominal pain, and many adults who had onset of

1 inflammatory bowel disease as children had delayed
 2 puberty and impaired growth and have never
 3 reached their full genetic growth potential.

4 (6) Inflammatory bowel disease patients are at
 5 high risk for developing colorectal cancer.

6 **SEC. 3. NATIONAL INSTITUTE OF DIABETES AND DIGES-**
 7 **TIVE AND KIDNEY DISEASES; INFLAMMATORY**
 8 **BOWEL DISEASE RESEARCH EXPANSION.**

9 Subpart 3 of part C of title IV of the Public Health
 10 Service Act (42 U.S.C. 285c et seq.) is amended by adding
 11 at the end the following:

12 **“SEC. 434B. INFLAMMATORY BOWEL DISEASE.**

13 “(a) IN GENERAL.—The Director of the Institute
 14 shall expand, intensify, and coordinate the activities of the
 15 Institute with respect to research on inflammatory bowel
 16 disease. Such research may be focused on, but not limited
 17 to, the following areas:

18 “(1) Genetic research on susceptibility for in-
 19 flammatory bowel disease, including the interaction
 20 of genetic and environmental factors in the develop-
 21 ment of the disease.

22 “(2) Research targeted to increase knowledge
 23 about the causes and complications of inflammatory
 24 bowel disease in children.

1 “(3) Animal model research on inflammatory
2 bowel disease, including genetics in animals.

3 “(4) Clinical inflammatory bowel disease re-
4 search, including clinical studies and treatment
5 trials.

6 “(5) Expansion of the Institute’s Inflammatory
7 Bowel Disease Centers program with a focus on pe-
8 diatric research.

9 “(6) The training of qualified health profes-
10 sionals in biomedical research focused on inflam-
11 matory bowel disease, including pediatric investiga-
12 tors.

13 “(7) Other research priorities identified by the
14 scientific agendas ‘Challenges in Inflammatory
15 Bowel Disease Research’ (Crohn’s and Colitis Foun-
16 dation of America) and ‘Chronic Inflammatory
17 Bowel Disease’ (North American Society for Pedi-
18 atric Gastroenterology, Hepatology and Nutrition).

19 “(b) AUTHORIZATION OF APPROPRIATIONS.—To
20 carry out subsection (a), there are authorized to be appro-
21 priated \$80,000,000 for fiscal year 2008, \$90,000,000 for
22 fiscal year 2009, and \$100,000,000 for fiscal year 2010.”.

1 **SEC. 4. CENTERS FOR DISEASE CONTROL AND PREVEN-**
2 **TION; EXPANSION OF INFLAMMATORY BOWEL**
3 **DISEASE EPIDEMIOLOGY PROGRAM.**

4 Part A of title III of the Public Health Service Act
5 (42 U.S.C. 241 et seq.) is amended by adding at the end
6 the following:

7 **“SEC. 310A. CENTERS FOR DISEASE CONTROL AND PREVEN-**
8 **TION; EXPANSION OF INFLAMMATORY BOWEL**
9 **DISEASE EPIDEMIOLOGY PROGRAM.**

10 “(a) IN GENERAL.—Not later than 1 year after the
11 date of enactment of this Act, the Director of the Centers
12 for Disease Control and Prevention shall expand the In-
13 flammatory Bowel Disease Epidemiology Program within
14 the National Center for Chronic Disease Prevention and
15 Health Promotion to include additional studies focused
16 on—

17 “(1) the incidence and prevalence of pediatric
18 inflammatory bowel disease in the United States;

19 “(2) genetic and environmental factors associ-
20 ated with pediatric inflammatory bowel disease;

21 “(3) age, race or ethnicity, gender, and family
22 history of individuals diagnosed with pediatric in-
23 flammatory bowel disease; and

24 “(4) treatment approaches and outcomes in pe-
25 diatric inflammatory bowel disease.

1 “(b) CONSULTATION.—The Director shall carry out
2 subsection (a) in consultation with a national voluntary
3 patient organization with experience serving the popu-
4 lation of individuals with pediatric inflammatory bowel
5 disease and organizations representing physicians and
6 other health professionals specializing in the treatment of
7 such populations.

8 “(c) AUTHORIZATION OF APPROPRIATIONS.—To
9 carry out this section, there are authorized to be appro-
10 priated \$5,000,000 for fiscal year 2008, and such sums
11 as may be necessary for each of fiscal years 2009 and
12 2010.”.

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